

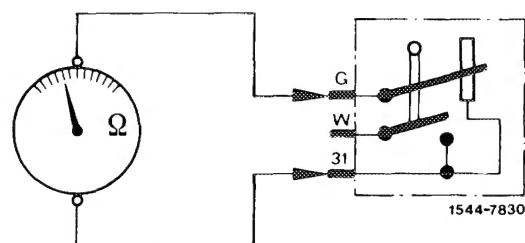
Test values immersion tube transmitter in ohms

Model	Resistance, readout full	Resistance, readout reserve
Sedan, coupe	1.6 ± 0.7	56.9 ± 1.9
T-sedan	3.2 ± 0.8	52.2 ± 2.1

Testing immersion tube transmitter (removed)

Connect ohmmeter to terminal G and terminal 31 and measure resistance.

- In installation position (readout reserve, float below).
- Rotated by 180° (readout full, float at top).

**Testing reserve warning contact**

Connect ohmmeter to terminal W and terminal 31 and measure resistance.

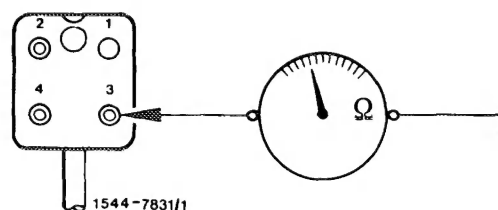
- Nominal value 0 ohm in installation position.
- Nominal value ∞ ohm turned by 180° .

Testing harness

1 Pull coupler from immersion tube transmitter and measure resistance on jack 3 and vehicle ground.

Nominal value 0 ohm

(At test value ∞ ohm the grounding line is interrupted).

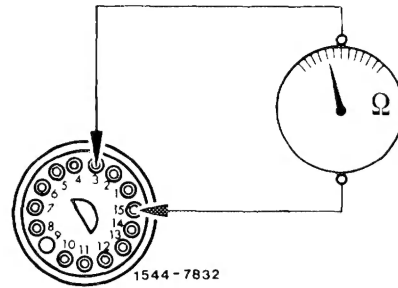


2 Measure resistance on terminal G and terminal 31 on installed immersion tube transmitter. Value depends on amount of fuel in tank. Plug coupler back on immersion tube transmitter.

3 Pull coupler from instrument cluster and measure resistance between jack 3 and jack 15.

Nominal value sedan and coupe: the value measured under 2. If the value is attained, the harness is in order (slight deviation caused by length of line possible).

Nominal value T-sedan and special vehicles: the value measured under 2 plus 4.7 ohm. If the value is attained, the harness is in order (slight deviation caused by length of line possible).



4 If the measured value is higher or at ∞ ohm, the harness couplers (on instrument cluster, on main harness/tail harness or on immersion tube transmitter) are having poor contact, a dry joint or a line is interrupted.

5 If no fault is found during tests, exchange indicating instrument.